

# Iowa Crops & Weather



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## Corn and Soybean Harvest Continues

Agricultural Summary: Field activity last week included harvest of corn and soybeans, final cutting of hay, and fall tillage. Harvest was delayed in some areas due to wet corn. Rain received in the past two weeks did green-up pastures throughout the state, but supplemental feeding of hay continued.

There were 5.7 **days suitable for fieldwork**, compared to 5.1 days last week, and 5.0 days last year at this time. **Topsoil moisture** rated 26 percent very short, 38 percent short, 35 percent adequate, and 1 percent surplus across Iowa. **Subsoil moisture** rated 44 percent very short, 39 percent short, 17 percent adequate, and 0 percent surplus.

Field Crops Report: The **corn acreage in mature stage** was 91 percent, behind last year's progress of 93 percent and slightly behind the 5-year average of 92 percent mature stage. The **corn acreage harvested for grain or seed** was 10 percent, slightly ahead of last year's progress of 9 percent but four days behind the 5-year average of 14 percent harvested. The **percent moisture of field corn** was 25 percent, while the **percent moisture of harvested corn** was 20 percent. **Corn lodging** rated 62 percent none, 27 percent light, 9 percent moderate, and 2 percent heavy. **Corn ear droppage** rated 69 percent none, 26 percent light, 5 percent moderate, and 0 percent heavy. **Corn** condition rated 7 percent very poor, 15 percent poor, 38 percent fair, 33 percent good, and 7 percent excellent. The **soybean acreage with leaves turning color** was 98 percent. The **soybean acreage dropping leaves** was 89 percent, slightly behind last year's progress of 91 percent but three days ahead of the 5-year average of 82 percent dropping leaves. The **soybean acreage harvested** was 20 percent, ahead of last year's progress of 14 percent but equivalent to the 5-year average of 20 percent harvested. **Soybean lodging** rated 76 percent none, 19 percent light, 4 percent moderate, and 1 percent heavy. **Soybean shattering** rated

78 percent none, 20 percent light, 2 percent moderate, and 0 percent heavy. **Soybean** condition rated 14 percent very poor, 29 percent poor, 41 percent fair, 15 percent good, and 1 percent excellent.

Livestock, Pasture, and Range Report: Cattle producers have been weaning calves, with reports of producers selling calves right away due to favorable prices. Some cows have been let out to feed on corn stalks. **Pasture and range** condition rated 31 percent very poor, 30 percent poor, 29 percent fair, 9 percent good, and 1 percent excellent.

## Iowa Weather Summary

It was a dry and very cool week across Iowa. Temperatures were below normal throughout the week with the exception of a few east central Iowa locations where readings climbed a degree or two above normal on Wednesday (24th). Temperatures fell to the freezing mark in valley locations as far south as the Missouri border on Thursday (25th) morning with Spencer reporting the lowest temperature at 29 degrees. Another shot of cold air on Monday (29th) morning brought even colder weather with frost scattered throughout the state. Audubon reported the lowest temperature on Monday morning with a 26 degree low. On the other extreme, the temperature reached 83 degrees at Glenwood on Tuesday (23rd) afternoon. Temperatures for the week as a whole averaged from 4.6 degrees below normal at Iowa City to 8.0 degrees subnormal at Cedar Rapids.

Light rain fell across the northeast two-thirds of Iowa on Monday (22nd) with mostly light rain also falling on Friday (26th) across the northeastern three-fourths of the state. Weekly rain totals varied from none across the southwest corner of the state up to 0.45 inches at Bloomfield. The statewide average precipitation was only 0.08 inch or one-tenth of the weekly normal of 0.80 inch.

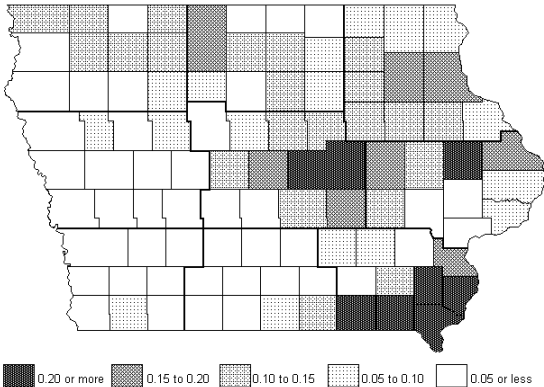
Statewide Crop Conditions as of September 28, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	7	15	38	33	7
Range & Pasture	31	30	29	9	1
Soybeans	14	29	41	15	1

Statewide Harvesting Conditions  
as of September 28, 2003

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	62	27	9	2
Corn ear droppage	69	26	5	0
Soybeans lodging	76	19	4	1
Soybeans shattering	78	20	2	0

PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, MONDAY, SEPTEMBER 29, 2003 (inches)



Field Work and Crop Progress as of September 28, 2003

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn mature (safe from frost)	88	88	89	94	93	93	94	94	93	91	74	93	92
Corn harvested (grain or seed)	6	6	10	9	11	11	17	17	17	10	5	9	14
Soybeans dropping leaves	90	98	85	87	93	93	82	70	81	89	71	91	82
Soybeans harvested	17	36	15	14	26	20	15	10	12	20	5	14	20

Days Suitable & Soil Moisture Condition as of September 28, 2003

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	5.3	5.6	5.5	6.2	5.9	5.4	6.4	6.4	5.2	5.7	5.1	5.0
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	16	38	34	24	21	15	52	32	7	26	27	15
Short	25	44	49	36	48	23	40	30	44	38	36	32
Adequate	59	18	17	39	30	62	8	37	44	35	35	53
Surplus	0	0	0	1	1	0	0	1	5	1	2	1
Subsoil moisture												
Very short	39	54	52	33	40	31	62	59	29	44	45	18
Short	23	40	38	49	44	45	34	31	44	39	41	34
Adequate	38	6	10	18	15	24	4	10	25	17	14	47
Surplus	0	0	0	0	1	0	0	0	2	0	0	1

Weather Summary For Iowa Agricultural Statistics Service										
Prepared by AWIS, Inc.										
For the week ending: Sunday, September 28, 2003										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	78	32	53	-4	0.08	-0.62	19.33	-1.15	25	-23
	80	32	56	-5	0.02	-0.62	23.02	3.06	45	-21
	81	30	54	-4	0.24	-0.44	16.58	-4.74	34	-21
	81	33	51	-6	0.04	-0.63	15.41	-4.87	17	-68
Britt Humboldt Mason City Northwood	North Central District									
	76	35	51	-10	0.21	-0.56	20.76	-1.51	13	-56
	74	37	52	-8	0.39	-0.36	24.55	1.70	19	-42
	74	33	53	-5	0.31	-0.50	20.51	-3.06	24	-31
	70	35	51	-7	0.01	-0.80	20.18	-2.86	12	-41
Decorah Dubuque Elkader Independence Waterloo	North East District									
	72	37	54	-6	0.14	-0.67	15.64	-7.55	31	-34
	69	38	55	-5	0.27	-0.70	18.44	-6.80	35	-26
	72	35	52	-7	0.39	-0.36	23.47	0.58	24	-62
	71	36	52	-7	0.46	-0.34	24.49	0.01	18	-61
	75	36	55	-4	0.47	-0.31	19.84	-3.78	38	-25
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	78	32	52	-10	0.85	-0.03	16.86	-6.32	19	-58
	79	36	54	-6	0.65	-0.12	21.38	-2.65	31	-34
	79	38	55	-7	0.52	-0.26	18.79	-2.75	36	-30
	78	32	53	-7	1.22	0.41	20.73	-3.05	27	-43
	81	32	55	-7	0.93	-0.11	17.01	-6.58	34	-32
	78	38	55	-5	0.52	-0.25	25.85	1.82	34	-31
	82	34	55	-7	0.47	-0.34	20.11	-2.18	33	-44
	78	36	52	-9	0.44	-0.38	23.97	0.80	20	-55
	82	32	56	-4	0.05	-0.58	22.14	3.46	45	-26
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	76	34	54	-5	0.09	-0.64	21.15	-3.67	31	-33
	76	35	53	-8	0.74	-0.04	26.60	2.33	24	-48
	76	41	57	-6	0.70	-0.06	20.64	-2.15	48	-36
	76	36	53	-7	0.90	0.19	24.43	0.42	20	-47
	74	35	54	-5	0.79	0.03	21.10	-3.31	30	-33
	74	40	55	-7	0.61	-0.27	24.51	1.05	34	-41
	78	36	54	-6	1.17	0.45	24.27	1.25	26	-40
	73	37	53	-7	0.57	-0.19	19.90	-4.73	20	-44
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	72	37	55	-6	0.27	-0.55	21.40	-1.86	38	-34
	75	39	57	-6	0.26	-0.44	19.12	-3.46	53	-32
	74	38	58	-6	0.31	-0.53	17.52	-7.75	54	-37
	75	38	54	-6	0.15	-0.74	17.11	-8.58	31	-41
	73	37	53	-6	0.20	-0.67	16.56	-7.01	24	-39
	73	41	56	-7	0.25	-0.60	23.12	-0.64	45	-18
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	80	32	55	-6	0.36	-0.59	20.94	-5.25	37	-40
	83	31	56	-6	0.00	-0.83	18.90	-4.81	44	-42
	80	37	55	-5	1.40	0.51	18.63	-4.69	38	-32
	82	35	56	-7	0.25	-0.68	17.31	-8.55	44	-42
	81	41	58	-5	0.14	-0.74	15.50	-8.93	59	-27
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	75	38	54	-8	0.81	-0.21	23.41	-1.47	30	-16
	74	38	55	-6	1.25	0.30	18.49	-5.53	38	-38
	75	35	55	-7	0.68	-0.43	22.15	-3.41	35	-42
	75	37	54	-7	0.92	0.08	25.13	1.48	31	-44
Bloomfield Burlington Ottumwa	73	35	54	-8	0.76	-0.16	24.38	-0.49	28	-50
	South East District									
	73	43	56	-7	0.88	-0.12	25.70	0.47	47	-42
	74	40	59	-4	1.36	0.43	22.41	-0.92	64	-24
	73	37	57	-7	0.32	-0.61	17.60	-5.78	48	-38

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2003: AWIS, Inc. All Rights Reserved.